

ABSTRACT OF THE DISCLOSURE

To output a color image signal of an arbitrary basic block and facilitate processing on the output side, an image pickup element including a plurality of photodetectors each having a color filter array, a vertical direction selection circuit for selecting in the vertical direction an arbitrary basic block having at least one of the plurality of photodetectors, a horizontal direction selection circuit for selecting the arbitrary basic block in the horizontal direction, and an output circuit for parallely outputting outputs from the photodetectors in the arbitrary basic block selected by the vertical direction selection circuit and horizontal direction selection circuit is provided.

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